



Development of Metabolomics Technologies and Their Applications in Food Science

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Food provides essential nutrients, pleasurable flavours, and physiological functions that influences on human health interactively with other factors (e.g., genotype). The roles are fulfilled by “metabolites” that are defined as small molecules (<2000 Da). Metabolomics is the ideal technology that determines and evaluates the quantitative features of metabolites pertained in a range of biological contexts including “food matrix”.

Accordingly, the Special Issue invites papers covering a range of topics regarding metabolomic application to food science, which includes but is not limited to food safety, food processing, food quality control, functional food, and food microbiology (fermented food). The topic may also include method development in analytical procedure and computational processing.

Prof. Dr. Do Yup Lee

Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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